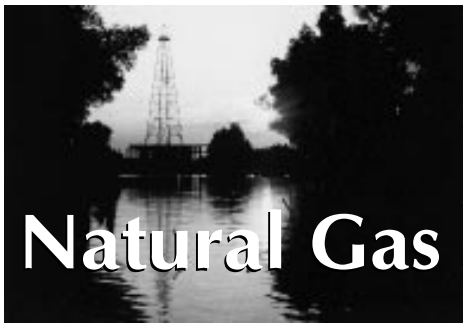

Emerging Technologies for the Natural Gas Industry

Natural Gas Storage

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This technology area focuses on a spectrum of activities identified by industry as high priority to enhance the efficiency and reliability of the natural gas storage system. Emphasis is on development of advanced technologies and methods for improving gas deliverability and capacity, increasing efficiency in reservoir management, and reducing the cost of operation and maintenance.

Current technology development efforts include:

- Novel and advanced fracture stimulation technologies and improved remediation treatments that will increase storage deliverability multifold and help offset the reported 5 percent annual decline.
- Development of improved gas flow metering technologies to provide increased accuracy and operational efficiency.
- Advanced storage technologies that will provide flexible storage service to meet the needs of new and growing industrial and power generation markets.

CROSS-REFERENCE: CONFERENCE PAPERS TO FETC PROJECTS

NATURAL GAS STORAGE

Paper No.	Project Title/Contractor
4.3	Natural Gas Storage/End User Interaction - ICF
9.1	Novel Fracture Stimulation for Storage Well Revitalization - Advanced Resources Int'l.
9.2	Storage Well Damage Mechanisms - Halliburton
9.3	Ultrasonic Meter Testing - Southwest Research Institute
P.19, P.22	Geologic Modeling and Reservoir Simulation Studies - 3 CRADA's : National Fuel Gas Supply; NIPSCO; Equitrans